

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042485.D
 Acq On : 04 Mar 2021 15:24
 Operator : SY/MD
 Sample : M1570-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G05

Quant Time: Mar 05 00:35:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

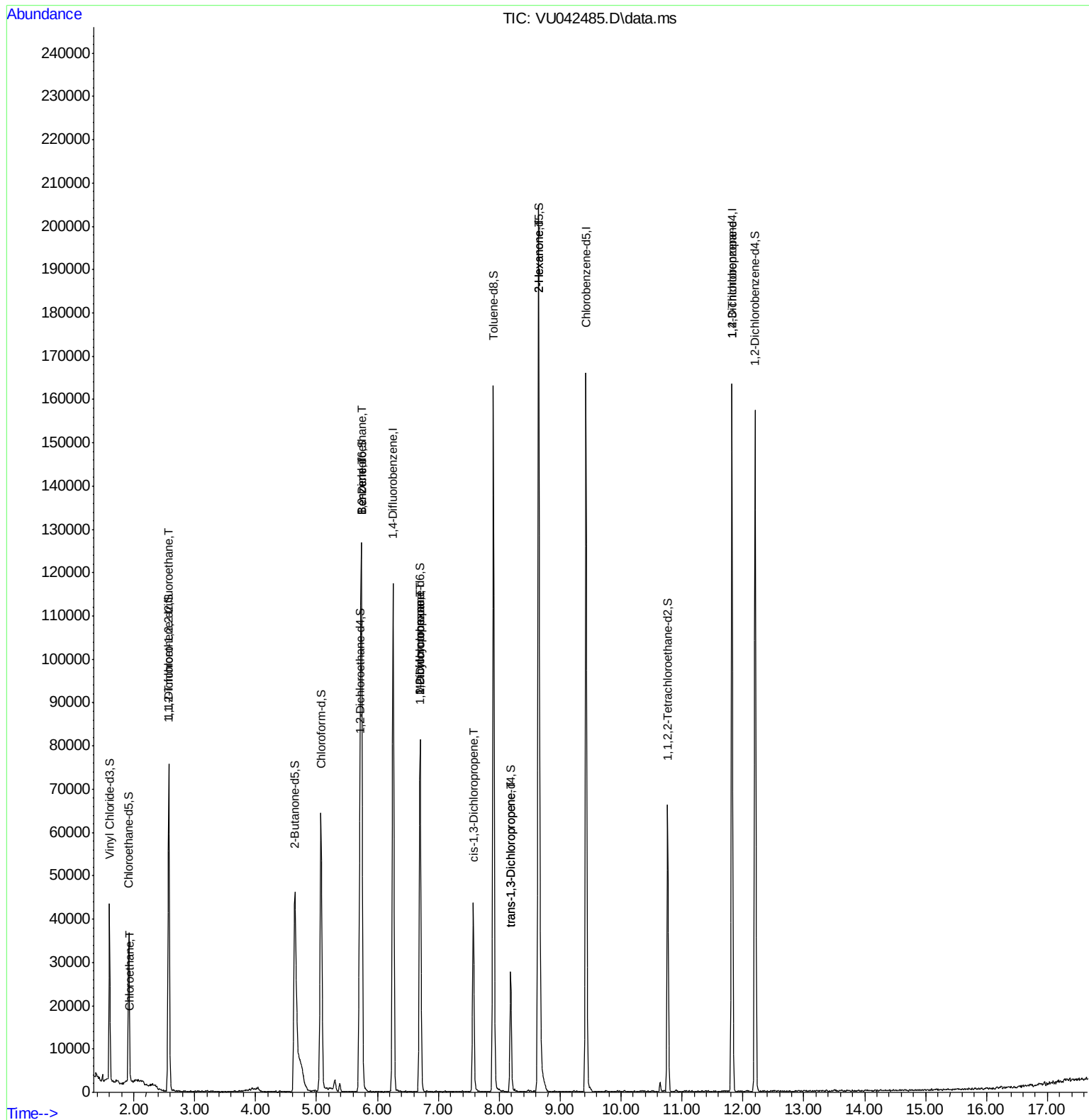
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	90568	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	85989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	42874	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28185	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.919	69	23041	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.575	63	47194	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.642	46	107590	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	5.073	84	57655	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.713	65	38311	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.739	84	105684	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.700	67	35742	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.906	98	100272	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.189	79	14800	4.66	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	77248	50.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29981	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	39703	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%
Target Compounds						
8) Chloroethane	1.935	64	391	0.08	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	306	0.04	ug/L #	18
27) 1,2-Dichloroethane	5.739	62	644	0.06	ug/L #	75
33) Benzene	5.739	78	987	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	8060	0.71	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4324	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1096	0.10	ug/L #	52
44) trans-1,3-Dichloropropene	8.189	75	769	0.08	ug/L	88
48) 2-Hexanone	8.645	43	11498	2.46	ug/L #	67
59) 1,2,3-Trichloropropane	11.822	75	5455	1.00	ug/L	90

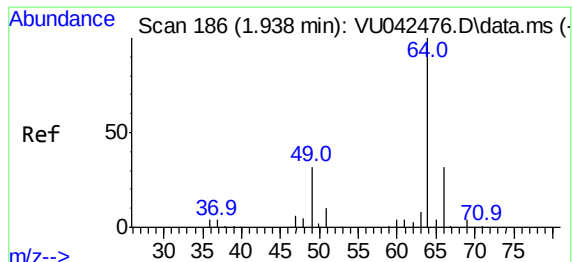
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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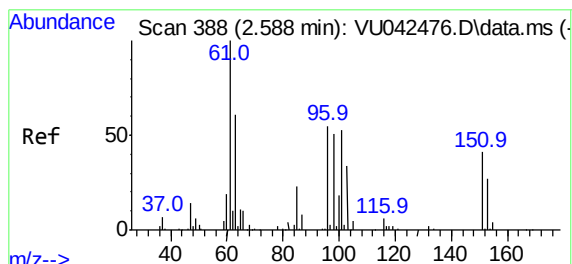
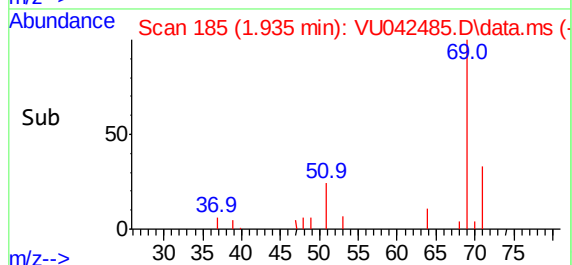
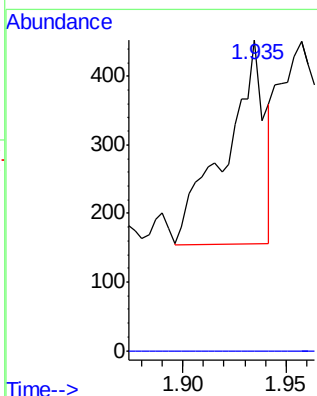
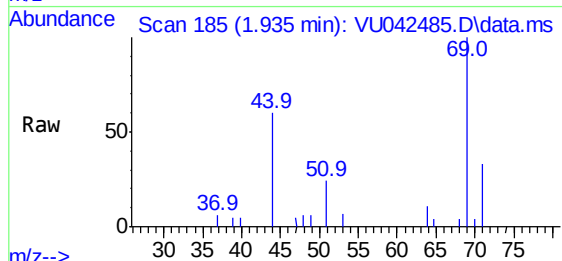




#8
Chloroethane
Concen: 0.08 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.004 min
Lab File: VU042485.D
Acq: 04 Mar 2021 15:24

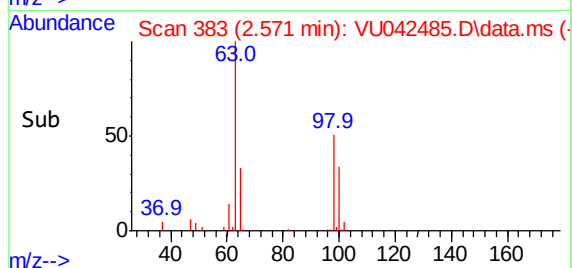
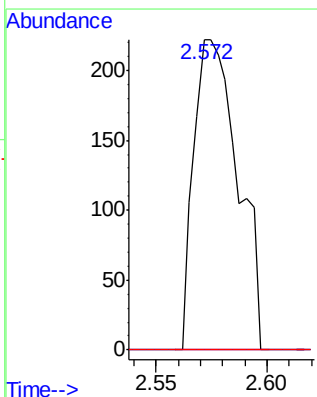
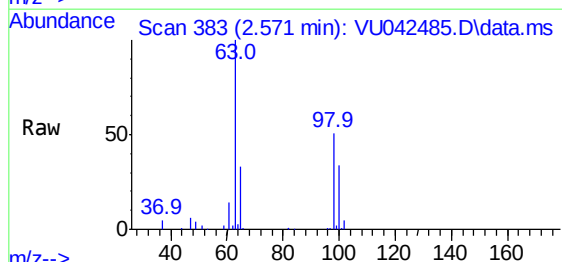
Instrument :
MSVOA_U
ClientSampleId :
F1G05

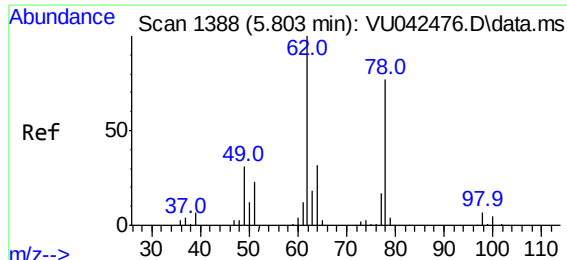
Tgt Ion: 64 Resp: 391
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.04 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042485.D
Acq: 04 Mar 2021 15:24

Tgt Ion:101 Resp: 306
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#





#27

1,2-Dichloroethane

Concen: 0.06 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.065 min

Lab File: VU042485.D

Acq: 04 Mar 2021 15:24

Instrument :

MSVOA_U

ClientSampled :

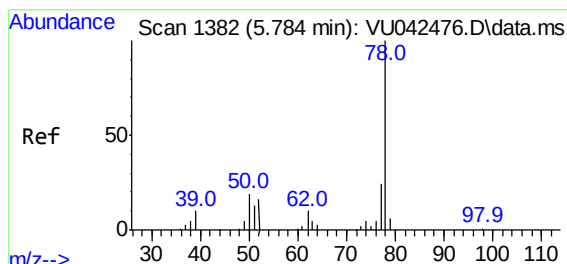
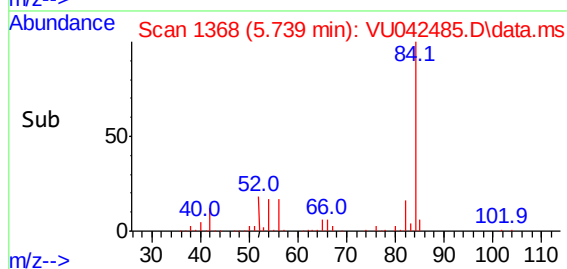
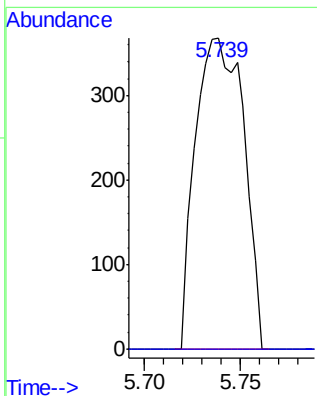
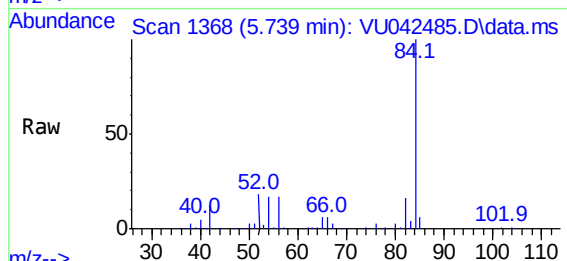
F1G05

Tgt Ion: 62 Resp: 644

Ion Ratio Lower Upper

62 100

98 0.0 7.3 10.9#



#33

Benzene

Concen: 0.04 ug/L

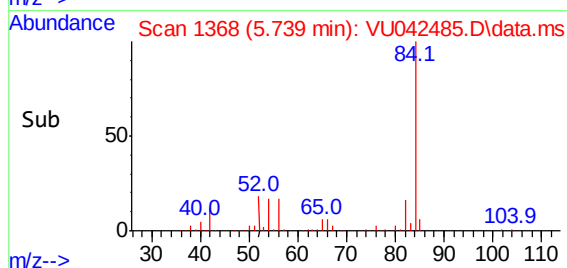
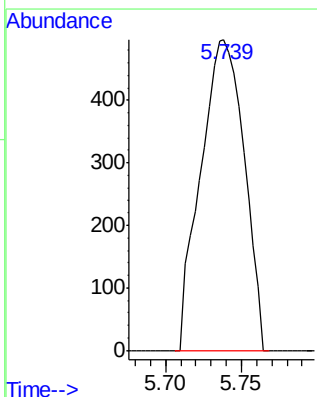
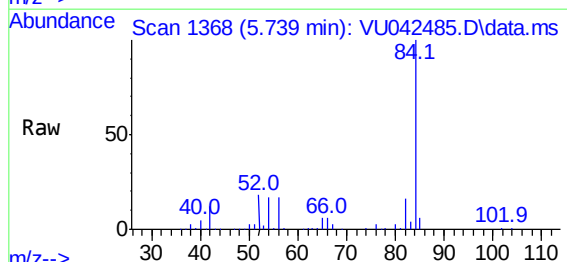
RT: 5.739 min Scan# 1368

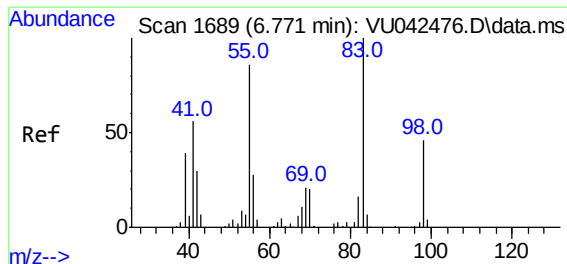
Delta R.T. -0.045 min

Lab File: VU042485.D

Acq: 04 Mar 2021 15:24

Tgt Ion: 78 Resp: 987

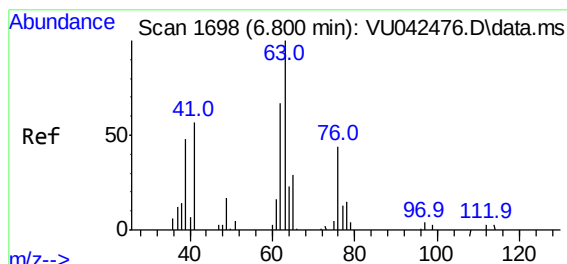
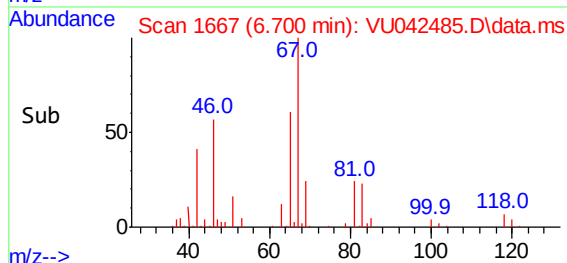
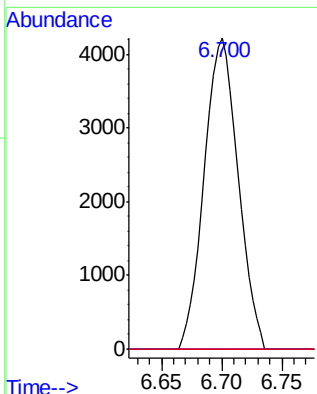
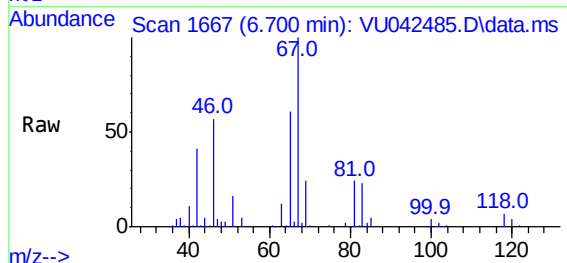




#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042485.D
Acq: 04 Mar 2021 15:24

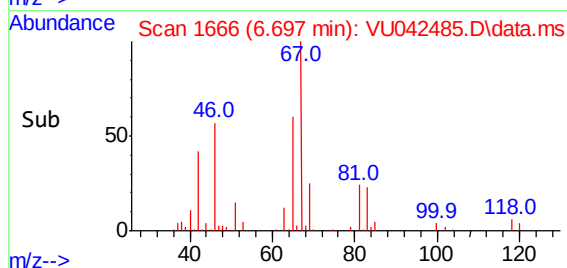
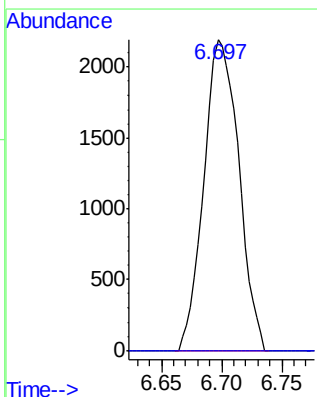
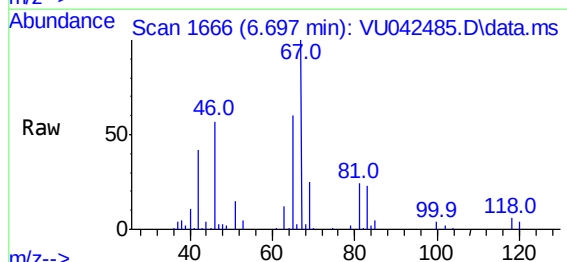
Instrument :
MSVOA_U
ClientSampleId :
F1G05

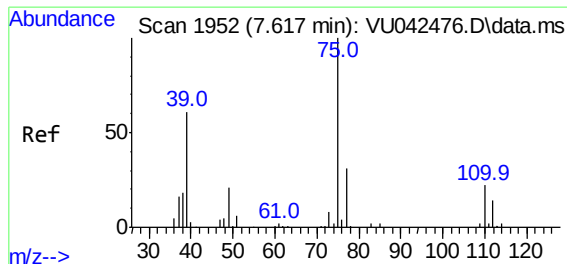
Tgt Ion: 83 Resp: 8060
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042485.D
Acq: 04 Mar 2021 15:24

Tgt Ion: 63 Resp: 4324
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

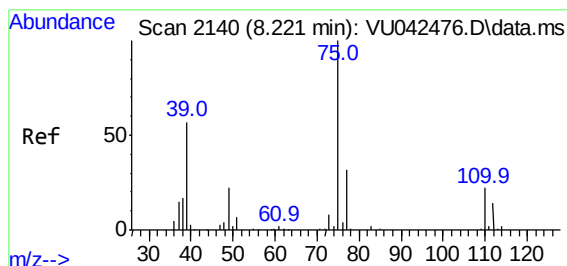
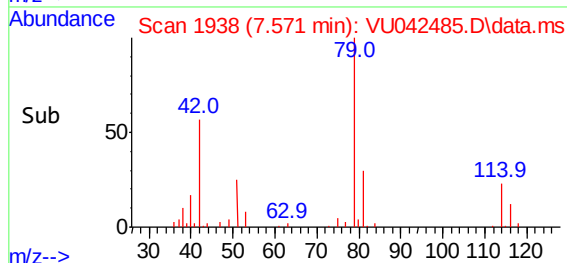
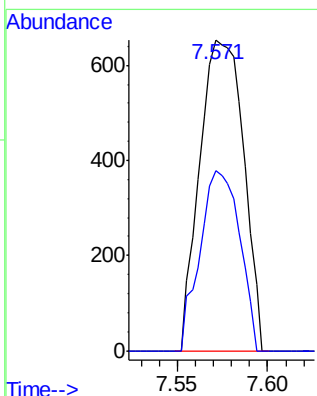
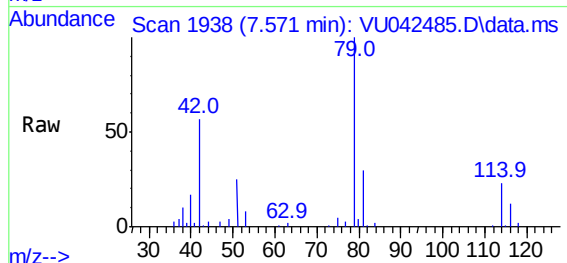




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.045 min
 Lab File: VU042485.D
 Acq: 04 Mar 2021 15:24

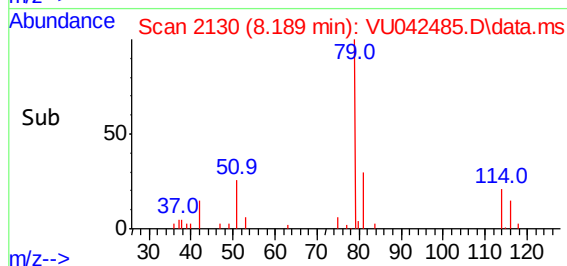
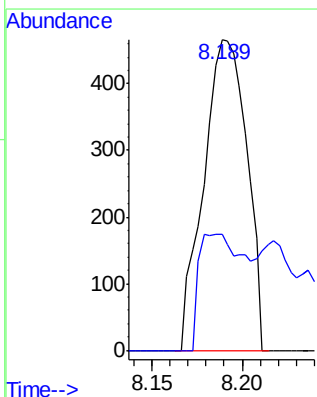
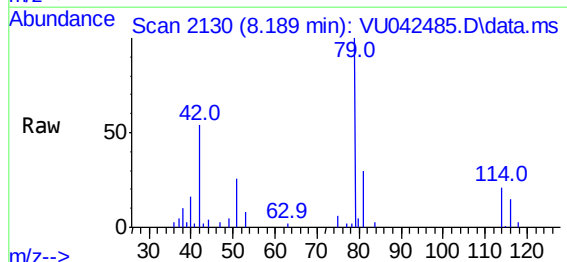
Instrument :
 MSVOA_U
 ClientSampleId :
 F1G05

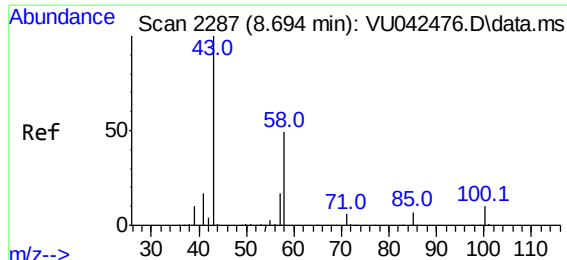
Tgt Ion: 75 Resp: 1096
 Ion Ratio Lower Upper
 75 100
 77 57.9 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.08 ug/L
 RT: 8.189 min Scan# 2130
 Delta R.T. -0.032 min
 Lab File: VU042485.D
 Acq: 04 Mar 2021 15:24

Tgt Ion: 75 Resp: 769
 Ion Ratio Lower Upper
 75 100
 77 37.6 21.8 40.4

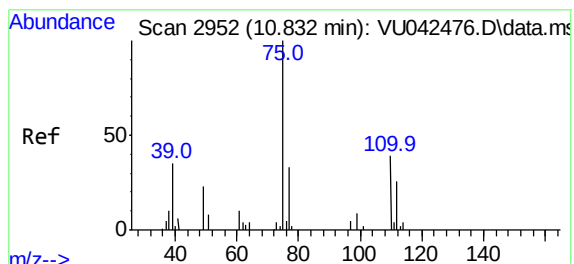
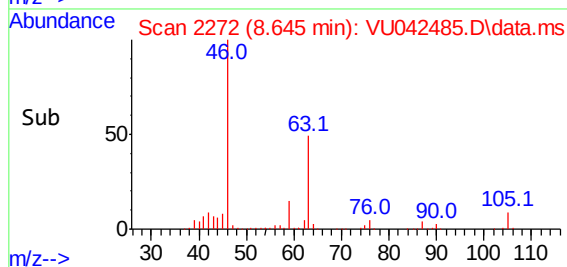
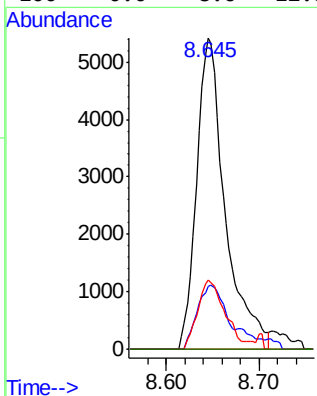
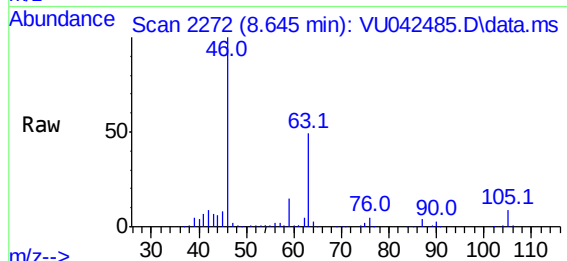




#48
2-Hexanone
Concen: 2.46 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042485.D
Acq: 04 Mar 2021 15:24

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Tgt Ion: 43 Resp: 11498
Ion Ratio Lower Upper
43 100
58 20.0 40.6 61.0#
57 21.6 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.00 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042485.D
Acq: 04 Mar 2021 15:24

Tgt Ion: 75 Resp: 5455
Ion Ratio Lower Upper
75 100
77 38.0 26.0 39.0

